TEMPERATURE & HUMIDITY

Precision, Specialty and Innovation

Temperature & Humidity Data Loggers

Our new USB Temperature & Humidity Data Loggers are ideal for three kinds of applications:

- **Water damage restoration**—Units are designed to be deployed and left in place over the duration of the job, so they're always in equilibrium with the environment
- **Process control**—Simpler, more cost-effective monitoring of office buildings, greenhouses, food and equipment storage facilities, wine cellars, freezers, shipping containers, HVAC/R installations computer rooms, labs, libraries, museums and saunas
- **Electronics manufacturing**—Mitigating the risk of damaging high-voltage static discharges

SPECIFICATIONS

Model #	HT10	HT20	HT50
Name	USB Temperature-Humidity Data Logger	USB Temperature-Humidity Data Logger with LCD Display	USB Temperature-Humidity Data Logger with LCD Display and IR Thermometer
Temperature Measurement Range/Accuracy	-31° to 212°F (-35° to 100°C) ±0.7°F (0.4°C)	-31° to 212°F (-35° to 100°C) ±0.7°F (0.4°C)	-31° to 212°F (-35° to 100°C) ±0.7°F (0.4°C)
Temperature Measurement Resolution and Repeatability	±0.2°F (0.1°C)	±0.2°F (0.1°C)	±0.2°F (0.1°C)
Relative Humidity (RH) Measurement Range/Accuracy	10 to 90% ±3%	10 to 90% ±3%	10 to 90% ±3%
RH Measurement Resolution and Repeatability	±0.1%	±0.1%	±0.1%
Internal Storage Capacity	16,384 readings	16,384 readings	16,384 readings
IRT Measurement Range	N/A	N/A	-4° to 482°F (-20° to 250°C)
IRT Measurement Accuracy	N/A	N/A	±5°F (3°C) below 32°F (0°C) ±4°F (2°C) above 32°F
IRT Measurement Resolution	N/A	N/A	±0.2°F (0.1°C)
IRT Distance-to-Spot Ratio	N/A	N/A	1:1
Emissivity	_	_	0.95 (fixed)
IRT Response Time	_	_	0.5 seconds
Dimensions	4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)	4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)	4.92 x 1.69 x 0.91 in. (125 x 43 x 23mm)
Weight	<7 oz. (<200g)	<7 oz. (<200g)	<7 oz. (<200g)
Power Source	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)
What's Included	Battery, Software, User's manual	Battery, Software, User's manual	Battery, Software, User's manual
Battery Life (typical)	1 year	1 year	1 year
Warranty	1 year	1 year	1 year

These tireless little data loggers can be deployed on a job site or in key areas of a facility and left unattended for days, weeks or months. The temperature and humidity readings they make and collect can be uploaded to a PC and viewed in Excel, making it easy to spot trends and unexpected excursions.

FEATURES

- USB interface; no need for cables, cradles or docks
- Included interface software enables setting of: Sampling time; Hi/Lo alarm setpoints for humidity, temperature; Logging start/stop times; Temperature unit (°F or °C)
- Software also calculates dew point
- Uploaded data logs viewable as table or graph
- One-click exporting of uploaded data to Excel or Word
- Immediate, delayed or push-to-start logging
- LCDs display real-time and Min/Max readings (HT20 and HT30 only)
- IRT enables spot-checking of surface temperature for immediate diagnosis/further investigation (HT50 only)

SPECIFICATIONS IN CHART ABOVE

UPC	NO.
01501 8	**HT10** Temperature-Humidity Data Logger
01503 2	**HT20** Temperature-Humidity Data Logger with LCD Display
01504 9	**HT50** Temperature-Humidity Data Logger with LCD Display and IR Thermometer

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

DATA LOGGING TEMPERATURE-HUMIDITY MONITOR WITH JUMBO DISPLAY

Ideal for temperature, humidity monitoring, and control in lab, computer rooms, clean rooms, and other critical areas.

FEATURES

- Complete environmental monitor and alarm
- Wall-mounted, LED type, easy reading
- Alarm set for Hi and Low limit-Temperature and Humidity
- Data logging capacity of 30,000 records
- USB interface
- Optional probe LRTH185DLP
- CE and RoHS approved

UPC	NO.	
01312 0	**LRTH185DL**	
01365 6	**LRTH185DL1**	with 1 meter probe
01364 9	**LRTH185DLP**	1 Meter Probe

SPECIFICATIONS

- Temperature Measurement Range: -4° to 140°F (-20° to 60°C)
- Temperature Measurement Accuracy: ±1.8°F (±1°C) between 32° and 104°F; ±3.6°F (±2°C) elsewhere
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±2%
- Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- Relative Humidity Response Time: less than 4 seconds
- Display Dimensions:: 8.4 in. x 4.73 in. (214 x 120mm)
- Battery Backup: 1 "9V" battery
- Dimensions: 10.2 x 7 x 1.9 in. (260 x 178 x 47mm)
- Weight: 35.3 oz. (1000g)
- Power Source: 1 "9V" battery (included) or 9V AC/DC adapter

LRTH185DL

LRTH185DL1
Shown complete with LRTH185DLP 1m probe

RoHS

LRTH185DLP
1m Probe

PRECISION DATA LOGGING THERMO-HYGROMETER

Ideal for process control, labs and other critical areas.

FEATURES

- Dual LCD display
- Measures and displays temperature and humidity
- 1% accuracy over most of humidity range
- Also calculates and displays dew point and wet-bulb temperature
- Data hold and alarm functions
- Selectable temperature unit
- USB interface

SPECIFICATIONS

- Temperature Measurement Range: -4° to 140°F (-20° to 60°C)
- Temperature Measurement Accuracy: ±1.8°F (±1°C) between 32° and 104°F; ±3.6°F (±2°C) elsewhere
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±1% of reading between 15 and 80% RH; 2.5% elsewhere
- Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- Operating Temperature: -4° to 140°F (-20° to 60°C)@<95% RH
- Current Consumption: 10mADC @9V
- Dimensions: 5.1 x 2.2 x 1.5 in. (130 x 56 x 38mm)
- Weight: 8.8 oz. (250g)
- Power Source: 1 "9V" battery (included) or optional AC adapter

Includes:

- Battery
- Data logging/interface software
- USB cable
- User's manual

UPC	NO.
01315 1	**DTH184DL**

RoHS

DTH184DL

Temperature-Humidity Data Loggers

DATA LOGGING TEMPERATURE-HUMIDITY MONITOR

Ideal for monitoring and recording environmental conditions of labs, greenhouses, storage facilities, wineries, freezers, shipping containers, computer rooms, saunas and water-damage restoration projects..

LTH8809DL

FEATURES

- Bright red jumbo LED display
- Wall or desk mountable
- Settable high and low temperature and humidity alarms
- Also calculates and displays dew point
- Selectable temperature unit
- Data logging capacity of 16,000 records
- USB interface

SPECIFICATIONS

- ♦ Temperature Measurement Range: -4° to 158°F (-20° to 70°C)
- ♦ Temperature Measurement Accuracy: ±1.2°F (±0.6°C)
- ♦ Relative Humidity Measurement Range: 5 to 95%
- ♦ RH Measurement Accuracy: ±3% of reading between 10 and 90% RH; ±5% elsewhere
- ♦ Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- ♦ Display Size: 2 x 2.6 in. (50.9 x 65.5mm)
- ♦ Dimensions: 4.8 x 5.2 x 1.6 in. (120 x 130 x 42mm)
- ♦ Weight: 7.4 oz. (210g)
- ♦ Power Source: 4 "AAA" batteries (included)

Includes:
- Batteries
- Data logging/interface software
- USB cable
- User's manual

UPC	NO.
01309 0	**LTH8809DL**

HUMIDITY-TEMPERATURE METER WITH EXCEL-FORMATTED DATA LOGGING SD CARD

Accurately measures temperature and relative humidity of a fluid, including dew point/wet-bulb temperature of ambient air

DTH3007SD
Patented

FEATURES

- Four-function instrument measures temperature/humidity, dew point, wet-bulb temperature and surface temperature
- Big (2.5 in. diagonal) front-panel green backlit LCD is easy to read
- Displays maximum and minimum readings and holds any reading
- Automatically logs measurements at sampling time settable from one second to one hour
- Also supports manual data logging and changing of SD card storage location
- Auto power off function

SPECIFICATIONS

- ♦ Display: 2.05 x 1.5 in. (52 x 38mm) LCD
- ♦ Parameters Measured: Temperature, relative humidity (R.H.), dew point, wet-bulb temperature
- ♦ Measurement Range:
  - For temperature: 32° to 122°F (0° to 50°C)
  - For R.H.: 5 to 95%
  - For dew point: -13.5° to 120.1°F (-25.3° to 48.9°C)
  - For wet-bulb temperature: -6.9° to 122°F (-21.6° to 50°C)
- ♦ Measurement Accuracy:
  - ± 1.5°F (± 0.8°C) for temperature
  - Sum of temperature and humidity accuracies for dew point and wet-bulb temperature
- ♦ Storable/Recallable Readings: Min/Max
- ♦ Operating Temperature: 32° to 122°F (0° to 50°C)
- ♦ Operating Relative Humidity: 0 to 85%
- ♦ Dimensions of Meter: 6.97 x 2.68 x 1.77 in. (177 x 68 x 45mm)
- ♦ Weight of Meter: 1.08 lb. (489g)
- ♦ Power Source: 6 "AA" batteries or optional 9-VDC AC adapter

UPC	NO.
01461 5	**DTH3007SD**

Included Accessories:
- Soft carrying case
- Temperature-humidity probe
- 2 GB SD memory card
- User's manual

Optional Accessories:

UPC	NO.	DESCRIPTION
01506 3	**AC1**	9VDC adapter for 110V power supply
25015 0	**TPK500**	-50° to 500°F "K" type thermocouple
25005 1	**TPK05**	-40° to 562°F "K" type thermocouple
25003 7	**TPK03**	-40° to 950°F "K" type thermocouple
01502 5	**SDRD1**	SD Card Reader Hard carrying case

TEMPERATURE-HUMIDITY DATA LOGGER

Ideal for measuring, monitoring and recording temperature and humidity of sensitive facilities and on water-damage restoration projects.

DL8835

FEATURES

- Records relative humidity and temperature with date/time stamp
- Logs data for days, weeks or months
- Multiple data loggers can be programmed and data downloaded from a single docking station
- Sampling rate programmable from 1 second to 2 hours
- View either temperature or humidity on LCD
- Data logging functions require optional Serial (RS-232) or USB Interface Kit INT8818 or INT8819
- Programmable high and low limits with alarm

SPECIFICATIONS

- ♦ Temperature Measurement Range: -40° to 185°F (-40° to 85°C)
- ♦ Temperature Measurement Accuracy: ±1°F between -4° and 122°F; ±2°F elsewhere
- ♦ Relative Humidity Measurement Range: 5 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading
- ♦ Temperature, RH Resolutions: 0.1°, 0.1% RH
- ♦ Data Logging Capacity: Up to 8,000 data points each for temperature, humidity
- ♦ Dimensions: 3.14 x 2.16 x 0.86 in. (80 x 55 x 22mm)
- ♦ Weight: 2.6 oz. (76g)
- ♦ Power Source: Lithium battery (included)

UPC	NO.
46125 9	**DL8835**
46130 3	**INT8818** Serial Interface Kit (optional)
46135 8	**INT8819** USB Interface Kit (optional)

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

USB INTERFACE KIT

FEATURES
- For downloading readings to your PC
- Use with data logger model **DL8835**

SPECIFICATIONS

Includes:
- Data logger base
- USB1.1 cable
- Software
- User's manual

UPC	NO.
46135 8	**INT8819**

INT8819

DIGITAL HAND-HELD THERMO-HYGROMETER

Ideal for accurate measuring and monitoring of temperature and humidity in a wide range of professional and industrial applications such as: film processing, printing, hospitals, and laboratories.

FEATURES
- Displays humidity and temperature
- Large digital display
- Min/Max memory with reset key
- °F or °C readings
- Data hold
- Auto power off
- Low battery indication
- Protective cap with pocket clip
- CE approved

SPECIFICATIONS
- ♦ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ♦ Humidity Measurement Range: 5 to 95%RH
- ♦ Temperature Accuracy: ±1.8°F (±1°C)
- ♦ Humidity Accuracy: ±3% of reading
- ♦ Response Time: 80 seconds (approx.)
- ♦ Dimensions: 6.7 x 1.85 x 0.5 in. (170 x 47 x 13mm)
- ♦ Power Source: 2 "AAA" batteries (included)

Includes:
- Batteries
- Protective cap
- Pocket clip
- User's manual

UPC	NO.
10015 8	**CMM880**

CE

CMM880

DEW POINT THERMO-HYGROMETER

Ideal for accurately measuring and monitoring temperature and humidity in a wide range of professional and industrial applications such as: film processing, printing, hospitals and laboratories.

FEATURES
- Displays dew point, humidity and temperature
- Large digital display
- Min/Max memory with reset key
- °F/°C readings
- Data hold
- Auto power off
- Low battery indication
- CE approved

SPECIFICATIONS
- ♦ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ♦ Humidity Measurement Range: 5 to 95%RH
- ♦ Temperature Accuracy: ±1.8°F (±1°C)
- ♦ Humidity Accuracy: ±3% of reading
- ♦ Response Time: 60 seconds (approx.)
- ♦ Dimensions: 6.7 x 1.85 x 0.5 in. (170 x 47 x 13mm)
- ♦ Power Source: 2 "AAA" batteries (included)

Includes:
- Batteries
- Protective cap
- Pocket clip
- User's manual

UPC	NO.
10020 2	**LAM880D**

CE

LAM880D

HUMIDITY SEEKER TEMPERATURE & HUMIDITY PEN

Ideal for contractors and homeowners to measure temperature and humidity conditions.

FEATURES
- °F/°C Switch
- Check home comfort and ventilation
- Monitor greenhouse environment
- Rotate the cap to cover and protect sensitive sensor tip
- Clips into your shirt pocket
- CE and RoHS approved

SPECIFICATIONS
- ♦ Temperature Measurement Range: -32° to 122°F (0° to 50°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 20 to 95%
- ♦ RH Measurement Accuracy: ±3% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 0.1% RH
- ♦ Dimensions: 6.5 x 1.25 x 0.5 in. (165 x 32 x 13mm)
- ♦ Weight: 1.9 oz. (54g)
- ♦ Power Source: 1 "CR2032" battery (included)

Includes:
- Battery
- Pocket clip
- User's manual

UPC	NO.
01402 8	**PTH8707**

CE RoHS

PTH8707

Temperature-Humidity Meters

JUMBO DISPLAY TEMPERATURE AND HUMIDITY METER WITH CLOCK

Ideal for measuring, monitoring and displaying temperature and humidity.

DTH04

FEATURES

- 3 row display shows temperature, humidity and current time
- °F or °C temperature unit
- Clock is 12 or 24 hour selectable
- Min/Max temperature and humidity memory
- Replaces: **DTH05**

SPECIFICATIONS

- ♦ Temperature Measurement Range: -32° to 122°F (0° to 50°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 20 to 95%
- ♦ RH Measurement Accuracy: ±6% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Digit Height: 0.67 in.
- ♦ Display Size: 2.45 x 3.15 in.
- ♦ Dimensions: 3.75 x 4.2 x 0.75 in. (95 x 107 x 19mm)
- ♦ Power Source: 1 “AAA” battery (included)

UPC	NO.
11032 4	**DTH04**

JUMBO DISPLAY HUMIDITY AND TEMPERATURE METER

Ideal for measuring, monitoring and displaying temperature and humidity.

DTH03A

FEATURES

- Displays humidity and temperature
- Jumbo digital display
- Min/Max temperature and humidity memory
- °F/°C slide switch

SPECIFICATIONS

- ♦ Temperature Measurement Range: -32° to 122°F (0° to 50°C)
- ♦ Relative Humidity Measurement Range: 20 to 95%
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Dimensions: 4.3 x 3.9 x 0.8 in. (110 x 98 x 20mm)
- ♦ Weight: 6.3 oz. (175g)
- ♦ Power Source: 1 “AAA” battery (included)

UPC	NO.
11040 9	**DTH03A**

HORIZONTAL HUMIDITY AND TEMPERATURE METER

For monitoring indoor environmental comfort.

DHI8757F

FEATURES

- Displays temperature and humidity
- °F and °C models available
- Jumbo display
- Horizontal design
- Comfort indication (cool, comfort, warm)
- Wall or desk mountable
- Low battery indicator

SPECIFICATIONS

- ♦ Temperature Measurement Range: -58° to 158°F (-50° to 70°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading between 30 and 80%; ±7% elsewhere
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Sampling Rate: every 10 seconds
- ♦ Digit Height: 0.75 in.
- ♦ Display Size: 3.75 x 1.05 in.
- ♦ Dimensions: 5.3 x 2.5 x 0.6 in. (135 x 64 x 15mm)
- ♦ Power Source: 2 “AAA” batteries (included)

UPC	NO.
11008 9	**DHI8757F**

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

DIGITAL TEMPERATURE AND HUMIDITY PEN

Ideal for HVAC/R, laboratories, hospitals, computer rooms, greenhouses, printing, film processing, and more.

CE

PTH8708

FEATURES

- Simultaneously displays temperature and humidity
- Data hold freezes measured values
- °F/°C switch
- Auto power off after 20 minutes
- Min/Max memory
- Fits in your shirt pocket
- CE approved

SPECIFICATIONS

- ♦ Temperature Measurement Range: 14° to 122°F (-10° to 50°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 5 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Dimensions: 6.9 x 1.7 x 0.6 in. (175 x 42 x 16mm)
- ♦ Power Source: 1 "CR2032" battery (included)

Includes: • Battery
• Pocket clip

UPC	NO.
10005 9	**PTH8708**

DIGITAL TEMPERATURE AND HUMIDITY METER

Ideal for measuring, monitoring and displaying temperature and humidity.

DTH700

FEATURES

- Displays temperature and humidity
- °F/°C switch
- Wall or desk mountable
- Min/Max temperature and humidity memory

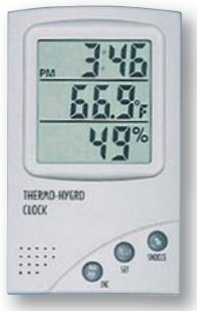
SPECIFICATIONS

- ♦ Temperature Measurement Range: 14° to 140°F (-10° to 60°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Dimensions: 4 x 2.5 x 0.5 in. (102 x 64 x 13mm)
- ♦ Power Source: 1 "AAA" battery (included)

UPC	NO.
11015 7	**DTH700**

DIGITAL TEMPERATURE AND HUMIDITY METER WITH CLOCK

Ideal for measuring, monitoring and displaying temperature and humidity.



DTH800

FEATURES

- Simultaneously displays time, temperature and humidity
- Clock with alarm and snooze button
- Min/Max memory
- Wall or desk mountable

SPECIFICATIONS

- ♦ Temperature Measurement Range: 14° to 140°F (-10° to 60°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Dimensions: 4.25 x 2.5 x 0.5 in. (108 x 64 x 13mm)
- ♦ Power Source: 1 "AAA" battery (included)

UPC	NO.
11020 1	**DTH800**

MINI DIGITAL HUMIDITY AND TEMPERATURE METER

Ideal for use in humidors, wine cellars, computer rooms and music rooms.

LCR318

FEATURES

- Simultaneously displays indoor temperature and humidity
- Large LCD display
- Min/Max temperature and humidity memory
- Low battery warning
- Wall or desk mountable

SPECIFICATIONS

- ♦ Temperature Measurement Range: 14° to 140°F (-10° to 60°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ RH Measurement Accuracy: ±5% of reading
- ♦ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ♦ Display Size: 1.4 x 0.7 in.
- ♦ Dimensions: 1.5 x 2.05 x 0.6 in. (38 x 52 x 15mm)
- ♦ Power Source: 1 "LR44" battery (included)

UPC	NO.
11075 1	**LCR318**

CE
SAM800HI

DIGITAL POCKET HEAT INDEX MONITOR - SPORTS MODEL

Ideal for sports medicine professionals, coaches and athletes to monitor outdoor conditions to ensure safety.

FEATURES
- Displays heat index, temperature, humidity and dew point
- Danger icon with audible beep
- Min/Max memory
- Data hold
- °F/°C switch
- Large digital display
- Auto power off with low battery indicator
- Ergonomic design
- CE approved

UPC	NO.
10100 1	**SAM800HI**

SPECIFICATIONS
- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Temperature Measurement Accuracy: ±1.8°F (±1°C)
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±3% of reading
- Dew Point Measurement Accuracy: ±3% of reading
- Dimensions: 6.88 x 1.57 x 0.91 in. (175 x 40 x 23mm)
- Power Source: 1 "CR2032" battery (included)

Includes: • Battery • Pocket clip

CE
SAM800IND

DIGITAL POCKET HEAT INDEX MONITOR - INDUSTRIAL MODEL

Ideal for professional monitoring of outdoor conditions for sports and worker safety.

FEATURES
- Displays heat index, temperature, humidity and dew point
- Danger icon with audible beep
- Min/Max memory
- Data hold
- °F/°C switch
- Large digital display
- Auto power off with low battery indicator
- Ergonomic design
- CE approved

Includes: • Battery • Pocket clip

UPC	NO.
10105 6	**SAM800IND**

SPECIFICATIONS
- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Temperature Measurement Accuracy: ±1.8°F (±1°C)
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±3% of reading
- Dew Point Measurement Accuracy: ±3% of reading
- Dew Point Measurement Accuracy: ±3%
- Dimensions: 6.88 x 1.57 x 0.91 in. (175 x 40 x 23mm)
- Power Source: 1 "CR2032" battery (included)

CE
WBGT8758

HEAT INDEX MONITOR WITH WET BULB GLOBE TEMPERATURE

Ideal for industrial uses including HVAC/R, and outdoor sports medicine applications.

FEATURES
- Measures four parameters:
  - Air temperature
  - Relative humidity
  - Dew point
  - Wet bulb temperature
- CE approved

SPECIFICATIONS
- Temperature Measurement Range: 32° to 122°F (0° to 50°C)
- Temperature Measurement Accuracy: ±0.8°F (±0.6°C)
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±3% of reading
- Wet Bulb Temperature Measurement Range: 70° to 115°F (21° to 45°C)
- Wet Bulb Temperature Measurement Accuracy: ±2°F
- Dew Point Measurement Accuracy: ±3% of reading
- Black Ball Dimensions: 1.38 (H) x 1.57 (Diam) in. (35 x 40 mm)
- Dimensions of Instrument: 10 x 1.6 x 1.9 in. (254 x 40 x 49mm)
- Power Source: 2 "AAA" batteries (included)

UPC	NO.
08758 9	**WBGT8758**

CE
WBGT8778

DELUXE WBGT HEAT INDEX MONITOR WITH 75MM BLACK BALL

Ideal for industrial uses including HVAC/R, and outdoor sports medicine applications.

FEATURES
- Measures four parameters: Air temperature, relative humidity, dew point, wet bulb temperature
- CE approved

SPECIFICATIONS
- Temperature Measurement Range: 32° to 122°F (0° to 50°C)
- Temperature Measurement Accuracy: ±0.8°F (±0.6°C)
- Relative Humidity Measurement Range: 5 to 95%
- RH Measurement Accuracy: ±3% of reading
- Wet Bulb Temperature Measurement Range: 70° to 115°F (21° to 45°C)
- Wet Bulb Temperature Measurement Accuracy: ±2°F
- Dew Point Measurement Accuracy: ±3% of reading
- Black Ball Dimensions: 2.95 (H) x 2.95 (Diam) in. (75 x 75mm)
- Dimensions of Instrument: 11 x 3 x 3 in. (278 x 75 x 75mm)
- Weight: 5.3 oz. (150g)
- Power Source: 2 "AAA" batteries (included)

UPC	NO.
01308 3	**WBGT8778**

HIGH TEMPERATURE THERMO-HYGROMETER

Ideal for measuring and monitoring temperature and humidity.

FEATURES
- Aluminum case
- Flange mounting
- Attractive design

SPECIFICATIONS
- ♦ Temperature Measurement Range: 30° to 250°F (-1° to 121°C)
- ♦ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ RH Measurement Accuracy: ±6% of reading
- ♦ Temperature, RH Resolutions: 2°F (1°C), 2% RH
- ♦ Dimensions: 5.125 in. dial diameter, 6 in. overall
- ♦ Weight: 11 oz. (312g)

UPC	NO.
61006 0	**A600FC**

A600FC

ANALOG CERTIFIED THERMO-HYGROMETER

Ideal for professionals monitoring temperature and humidity in industrial environments.

FEATURES
- Aluminum case
- Silver dial
- Certified for accuracy
- Color coded (°F & °C)
- Attractive housing
- For wall mounting
- CE approved

SPECIFICATIONS
- ♦ Temperature Measurement Range: 10° to 170°F (-8° to 75°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ Dimensions: 5.25 in. dial diameter
- ♦ Weight: 7.5 oz. (213g)

Includes: • Test certificate

UPC	NO.
61020 6	**A5063**

CE

A5063

ANALOG CERTIFIED THERMO-HYGROMETER

Precision instrument for professionals monitoring temperature and humidity in industrial environments.

FEATURES
- Polished brass case
- Attractive housing
- Flange mounting
- Color coded (°F & °C)
- Certified for accuracy
- For wall mounting
- CE approved

SPECIFICATIONS
- ♦ Temperature Measurement Range: 10° to 170°F (-8° to 75°C)
- ♦ Relative Humidity Measurement Range: 10 to 95%
- ♦ Dimensions: 5.25 in. dial diameter, 5.875 in. with flange
- ♦ Weight: 11 oz. (312g)

UPC	NO.
61030 5	**A5064**

CE

A5064

DIGITAL PSYCHROMETER WITH DEW POINT AND WET BULB

Ideal for monitoring environmental conditions.

SAM990DW
SAM990DW/CERT

FEATURES

- Displays wet bulb, dew point, humidity and temperature
- No twirling or charts necessary
- Large digital display
- Dew point measurement
- Wet and dry bulb temperature
- Min/Max memory
- °F or °C readings
- Data hold
- Auto power off
- Low battery indication

SPECIFICATIONS

- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Temperature Measurement Accuracy: ±1.8°F (±1°C)
- Relative Humidity Measurement Range: 10 to 90%
- RH Measurement Accuracy: ±3% of reading
- Dew Point Measurement Accuracy: ±1.2°F (±0.6°C)
- Response Time: 60 seconds (approx.)
- Dimensions: 6.7 x 1.85 x 0.5 in.
- Power Source: 2 "AAA" batteries (included)

Includes: • Protective cap with pocket clip

UPC	NO.
10025 7	**SAM990DW**
10026 4	**SAM990DW/CERT**

CALIBRATABLE DIGITAL PSYCHROMETER

Ideal for accurate handheld measurements of temperature and humidity.

CE
EP8706

FEATURES

- Jumbo display, triple read-out
- Rotating head to protect sensor
- Field calibratable
- Auto power off
- Min/Max memory
- CE approved

SPECIFICATIONS

- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Temperature Measurement Accuracy: ±1.2°F (±0.6°C)
- Relative Humidity Measurement Range: 10 to 90%
- RH Measurement Accuracy: ±3% of reading
- Response Time: 60 seconds
- Power Source: 2 "AAA" batteries (included)

UPC	NO.
10041 7	**EP8706**
10043 1	**P8706** External Temperature Probe
15060 3	**HR33LJ** Calibration Salt MgCl 33% (optional)
15070 2	**HR75LJ** Calibration Salt NaCl 75% (optional)

CALIBRATABLE DIGITAL PSYCHROMETER WITH REMOTE PROBE

Ideal for HVAC/R applications.

CE
EM8716

FEATURES

- Jumbo display
- Rotating head to protect sensor
- Remote temperature probe
- Field calibratable
- Auto power off
- Min/Max memory
- T1-T2 and T1-Dew Point functions
- CE approved

SPECIFICATIONS

- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Temperature Measurement Accuracy: ±1.2°F (±0.6°C)
- Relative Humidity Measurement Range: 10 to 90%
- RH Measurement Accuracy: ±3% of reading
- Response Time: 60 sec.
- Power Source: 2 "AAA" batteries (included)

Includes: • 1 probe (**P8706**)

UPC	NO.
10028 8	**EM8716**
15060 3	**HR33LJ** Calibration Salt MgCl 33% (optional)
15070 2	**HR75LJ** Calibration Salt NaCl 75% (optional)

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

ANALOG TEMPERATURE/HUMIDITY CALCULATOR

Ideal for calculating dry/wet bulb temperatures and relative humidity percentages for industrial processes.

HC880

FEATURES

- Easy-to-read
- Pocket sized

SPECIFICATIONS

- ♦ Dry Bulb Temperature Range: 30° to 120°F (-1° to 49°C)
- ♦ Wet Bulb Temperature Range: 20° to 120°F (-7° to 49°C)
- ♦ Relative Humidity Range: 10 to 95%

UPC	NO.
16110 4	**HC880**

MASON'S HYGROMETER

Measures relative humidity.

MH120

FEATURES

- Measures relative humidity by comparing wet and dry bulb thermometers
- Includes two red spirit thermometers in a sturdy white plastic case and plastic reservoir bottle
- Dual scale readings

SPECIFICATIONS

- ♦ Operating Temperature: 0° to 120°F (-15° to 50°C)
- ♦ Dimensions: 12.25 x 2.75 x 0.85 in. (311 x 70 x 22mm)

Includes: • Conversion chart

UPC	NO.
23005 3	**MH120**

SLING PSYCHROMETERS

Calculate relative humidity by measuring evaporation.

SP100CR
SP100FR

FEATURES

- High impact plastic construction
- Fast, accurate and easy to use
- No assembly required
- Classic twirling design
- Separate models for °F or °C

Model	Range	Type
SP100CR	-5° to 50°C	Red Spirit
SP100FR	20° to 120°F	Red Spirit

SPECIFICATIONS

- ♦ Dimensions: 8.25 x 1.25 x 0.625 in. (210 x 32 x 16mm)

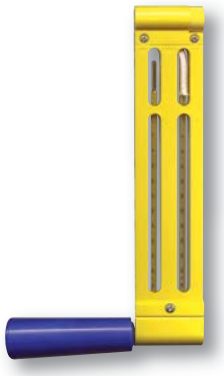
Includes: • Two thermometers
• One wick

UPC	NO.
10215 2	**SP100CR**
10205 3	**SP100FR**
10260 2	**SPR108**
10265 7	**SPR109**
10270 1	**SPR120**

Replacement parts:
SPR108 - Two °F Replacement Thermometers for **SP100FR**
SPR109 - Two °C Replacement Thermometers for **SP100CR**
SPR120 - Six Replacement Wicks for Either Unit

TWIRLING PSYCHROMETER

For measuring temperature and humidity.



TSP200RC

FEATURES

- Thermometers read out in °C only
- Extra large handle
- High impact plastic construction
- Fast, accurate and easy to use
- Classic twirling design
- Red Spirit filled

SPECIFICATIONS

- ♦ Temperature Measurement Range: 0° to 50°C
- ♦ Temperature Measurement Accuracy: ±0.3°C
- ♦ Dimensions: 8.5 x 1.75 x 1 in. (216 x 45 x 25mm)
- ♦ Weight: 7.05 oz. (200g)

Includes: • Two thermometers
• One wick

UPC	NO.
10225 1	**TSP200RC**
10202 2	**RTSP** Replacement °C Thermometers (2)
10270 1	**SPR120** Replacement Wicks

GENERAL®

"Man is a tool using animal. Weak in himself and of small stature, he stands on a basis of some half-square-foot, and has to straddle out his legs lest the very winds supplant him. Nevertheless, he can use tools, can devise tools; with these the granite mountains melt into light dust before him; seas are his smooth highways, winds and fire his unwearying steeds, Nowhere do you find him without tools. Without tools he is nothing, but with tools he is all."

Thomas Carlyle (1795–1881)

"It's Your Job . . . General Tools Make It Easier"

GENERAL TOOLS & INSTRUMENTS • 80 White Street, New York, NY 10013-3567
PHONE (212) 431-6100 • FAX (212) 431-6499 • TOLL FREE (800) 697-8665
e-mail: gentools@generaltools.com
www.generaltools.com

Catalog No. CAT11 Printed in USA Effective June 2011

©2011 GENERAL TOOLS & INSTRUMENTS 6/11 20M
Not responsible for typographical errors.

ahma The Industry Advantage. ISA Industrial Supply Association Linking Channel Partners. HTI Hand Tools Institute Trust American Hand Tools. SAE. STAFDA Associate. HARDI